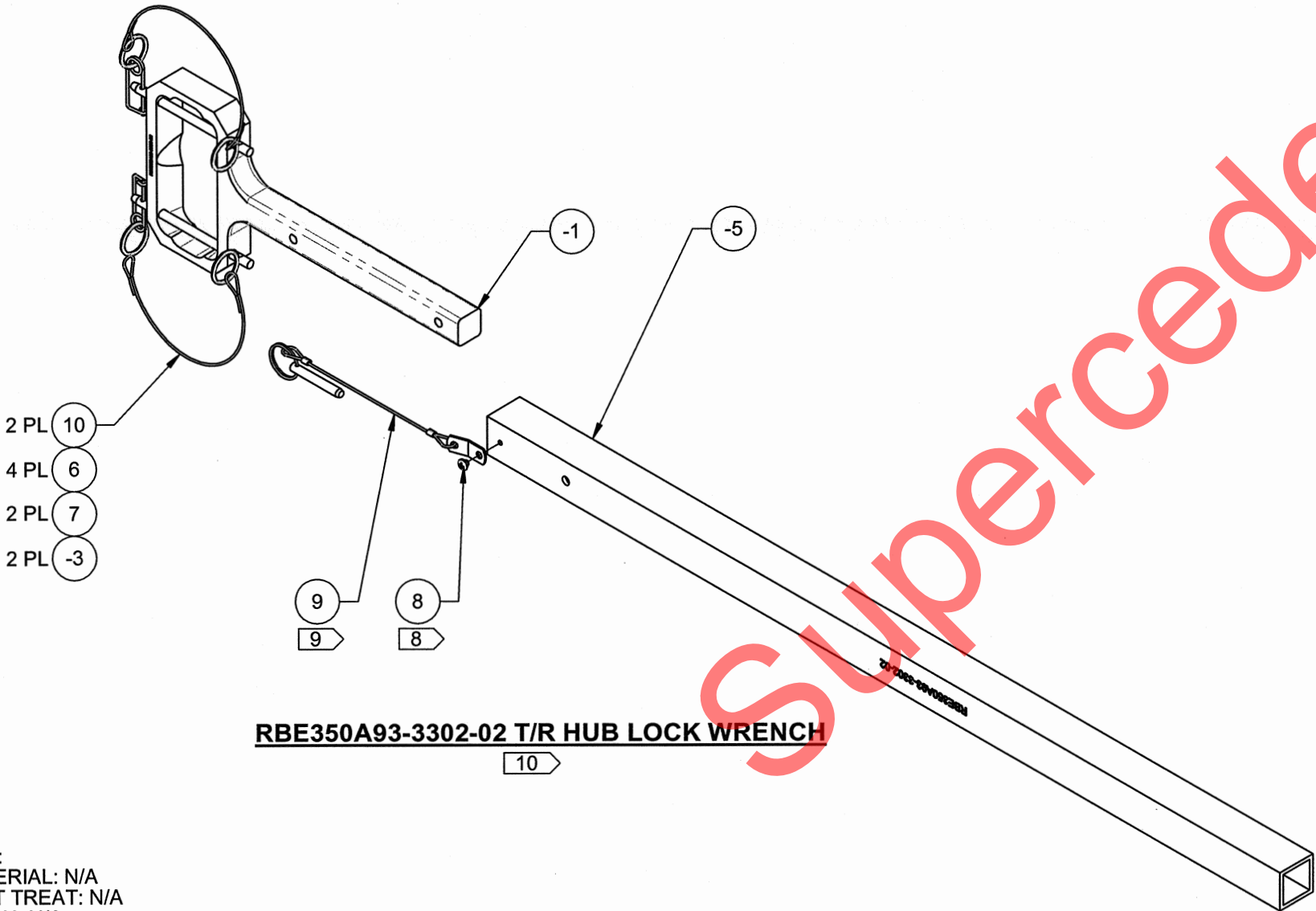
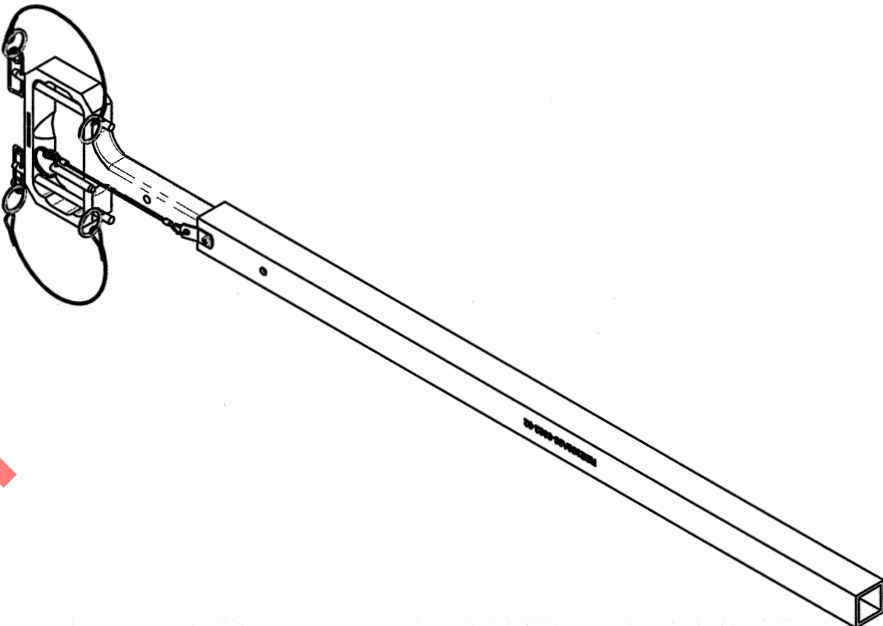


ITEM #	QTY	PART #	PART TITLE
-1	1	RBE350A93-3302-02-1	HANDLE
-3	2	RBE350A93-3302-02-3	PIN
-5	1	RBE350A93-3302-02-5	EXTENSION HANDLE
6	4	McMaster#90177A218 OR EQUIV	ZINC PLATED STEEL SPLIT RING 1" OD X 13/16" ID X 1/8" THK
7	2	McMaster#90174A113 OR EQUIV	ZINC PLATED STEEL STRONG HOLD WIRE SNAP COTTER PIN 1/16" DIA. X 1-1/16" LG.
8	1	McMaster#91772A188 OR EQUIV	SS PAN HEAD PHILLIPS SCREW #8-32 X 1/8" LG.
9	1	McMaster#94975A162 OR EQUIV	SS RING GRIP QUICK RELEASE PIN WITH LANYARD 1/4" DIA X 1-5/16" USABLE LENGTH
10	2	McMaster#30345T971 OR EQUIV	SS NYLON COATED LANYARD 1/16" DIA. X 8" LG.



RBE350A93-3302-02 T/R HUB LOCK WRENCH

- NOTES:
- 1) MATERIAL: N/A
 - 2) HEAT TREAT: N/A
 - 3) FINISH: N/A
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) IDENTIFICATION: N/A
 - 7) ASSEMBLE AS SHOWN
 - 8) INSTALL ITEM 8 HAND TIGHT
 - 9) INSTALL ITEM 9 WITH ITEMS -1 AND -5
 - 10) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

M	FOR OLDER REV'S SEE PREVIOUS PDFs TEMPLATE UPDATED PER DART HBY STANDARDS ITEM -7 CARR LANE #CL-2-C CHANGED FOR ITEM 10 McMaster#30345T971 ITEM -9 CHANGED FOR ITEM 6 ITEM -11 CHANGED FOR ITEM 7 ITEM -13 CHANGE FOR ITEM 9 ITEM -15 McMaster#90272A189 CHANGED FOR ITEM 8 McMaster#91772A188 ITEM -17 REMOVED ITEM -1 DIMENSION $\phi .250 \pm .005/-0$ & .25 TOOLING HOLE CHANGED FOR $\phi .266$ 2 PL, DIMENSIONS 1.00/.98 CHANGED FOR 0.875, DIMENSION 1.835 REMOVED, DIMENSION 5.49 ADDED, ENGRAVING S/N & MADE IN USA REMOVED, DIMENSION 2X $\phi .261$ CHANGED FOR $\phi .266$ 2 PL, DIMENSION 2.028 CHANGED FOR 2.034, DIMENSION 4X R.125 CHANGED FOR R0.13 4 PL, DIMENSION 3.07 REPLACED BY 8.74, MATERIAL 6061 CHANGED FOR 6061-T6 / 7075-T6, FINISH BLACK ANODIZE CHANGED FOR RED ANODIZE ITEM -3 DIMENSION 2X $\phi .125$ CHANGED FOR $\phi .156$ 2 PL, DIMENSION 3.67 CHANGED FOR 3.670, CENTER DRILL ADDED, MATERIAL S.S CHANGED FOR 303/304/316 STAINLESS STEEL ITEM -5 DIMENSION $\phi .250 \pm .005/-0$ CHANGED FOR $\phi .266$, DIMENSION 3.00 CHANGED FOR 3.000, MATERIAL ALUMINIUM SQ TUBE CHANGED FOR McMaster#6546K56, FINISH BLACK ANODIZE CHANGED FOR RED ANODIZE	19-859	VM
REV.	DESCRIPTION	ECN #	BY
DESIGN	VM	DART AEROSPACE LTD	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	TOOL PART #	REV M
MFG. APPR.	FK	RBE350A93-3302-02	SHEET 1 OF 4
APPROVED		TITLE	SCALE
		T/R HUB LOCK WRENCH	NTS
DATE	2019-08-16	COPYRIGHT © 2019 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

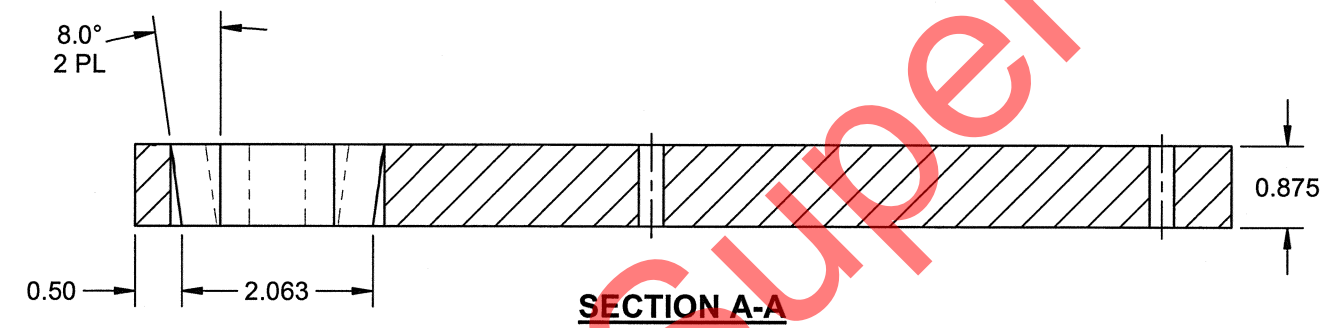
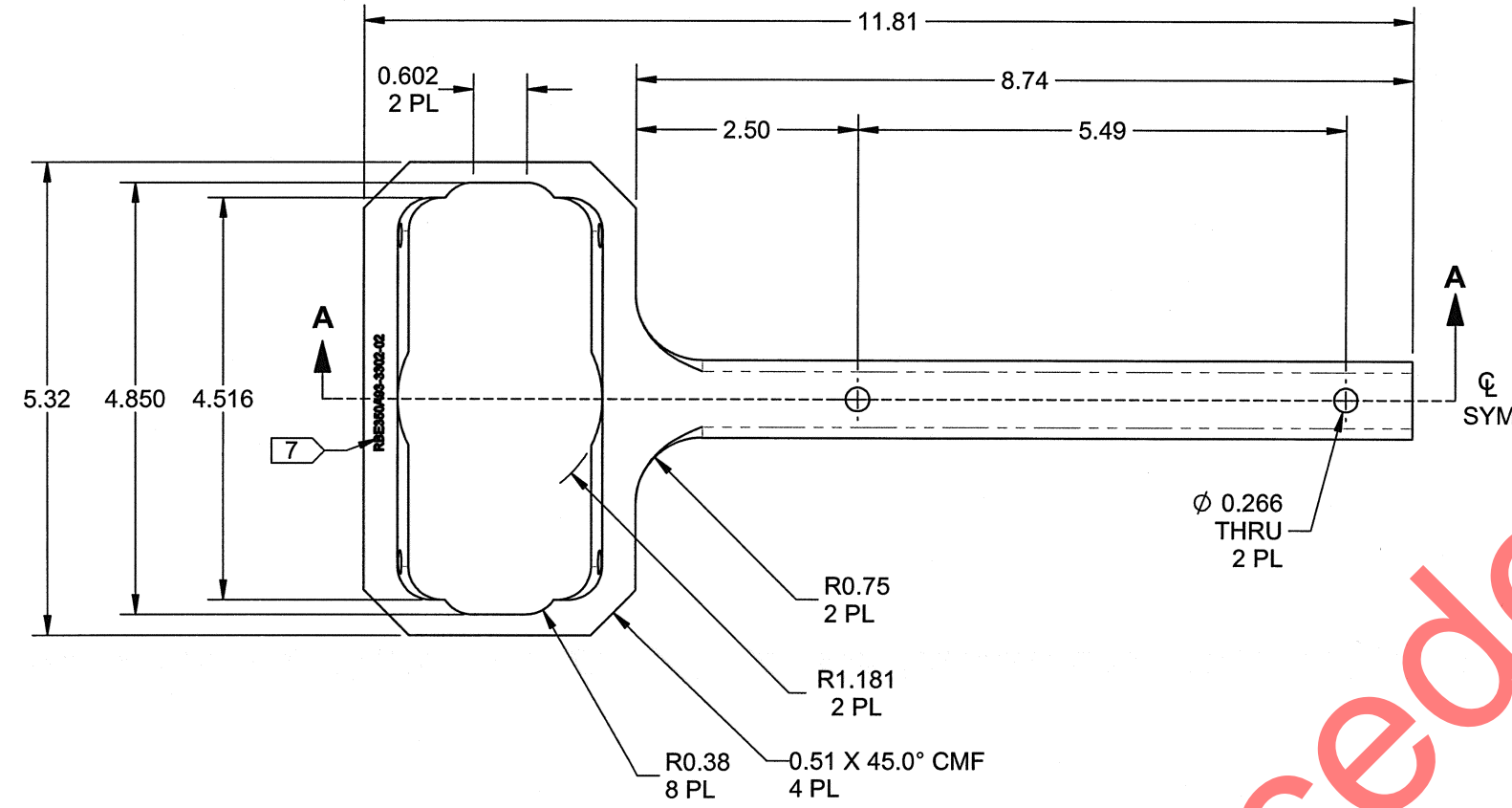
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C

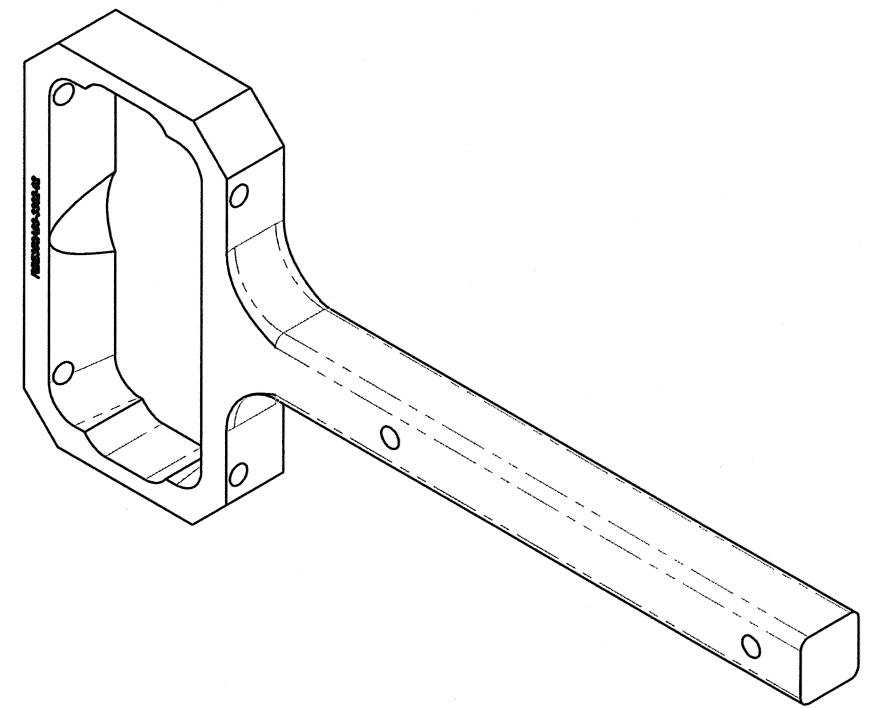
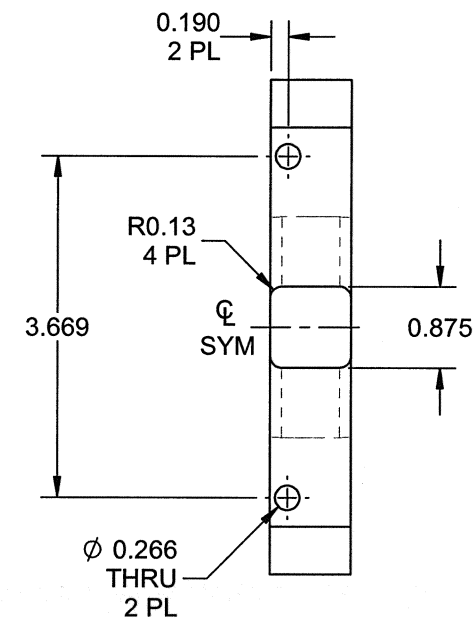
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A



RBE350A93-3302-02-1 HANDLE

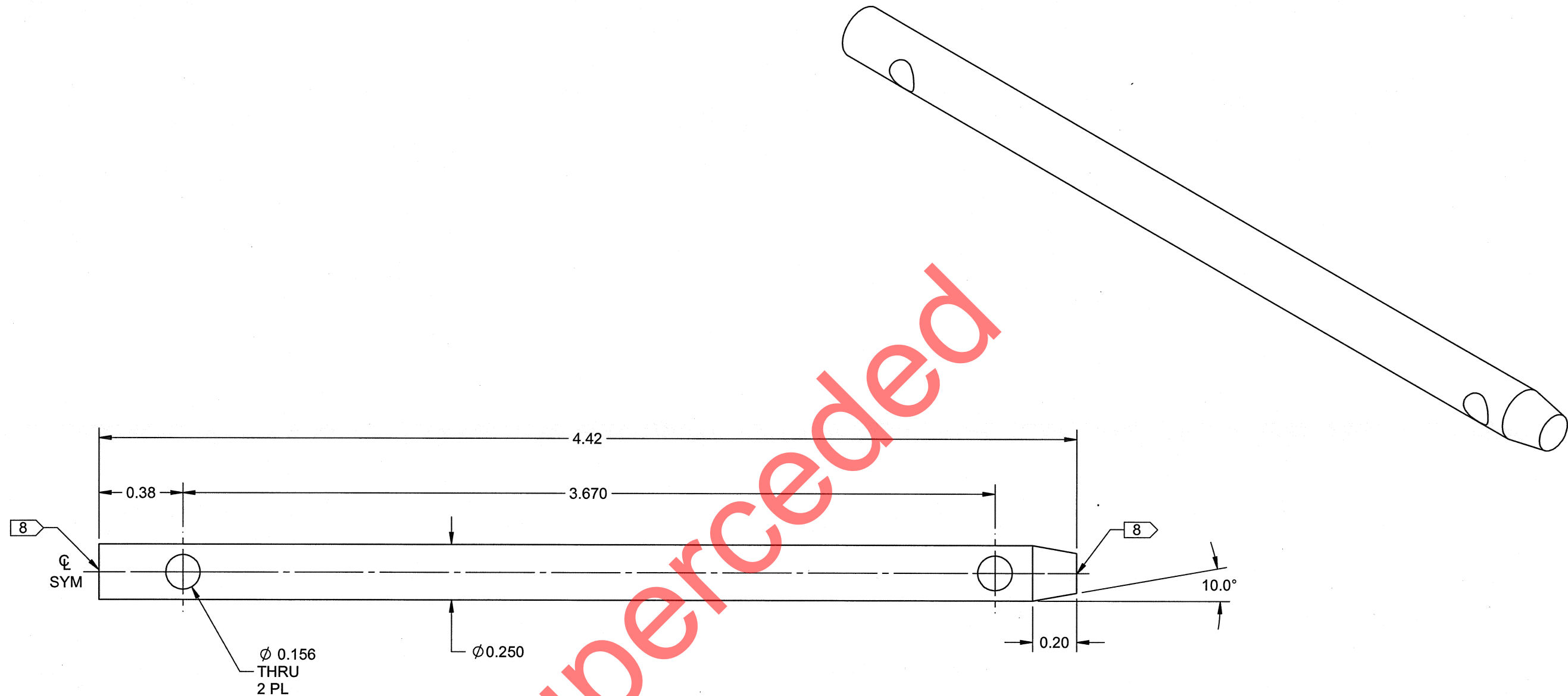
8



- NOTES:
- 1) MATERIAL: 6061-T6 / 7075-T6
 - 2) HEAT TREAT: N/A
 - 3) FINISH: ANODIZE RED PER MIL-A-8625 TYPE 2 CLASS 2
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) REMOVE ALL SHARP EDGES AND BURRS
 - 7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK T/N, "RBE350A93-3302-02", AS SHOWN
 - 8) ALL NON-DIMENSIONED FEATURES MUST MAINTAIN A TOLERANCE OF +/- 0.005" PER CAD FILE RBE350A93-3302-02-1 REV. REV M.STEP

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	TOOL PART # RBE350A93-3302-02	REV M SHEET 2 OF 4
DRAWN	VM			
CHECKED	KPT			
MFG. APPR.	FK			
APPROVED				
DATE 2019-08-16		TITLE T/R HUB LOCK WRENCH		
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8 7 6 5 4 3 2 1



RBE350A93-3302-02-3 PIN

NOTES:

- 1) MATERIAL: 303/304/316 STAINLESS STEEL
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A
- 8) CENTER DRILL IS ACCEPTABLE

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		REV M
DRAWN	VM			
CHECKED	KPT	TOOL PART #	RBE350A93-3302-02	SHEET 3 OF 4
MFG. APPR.	FK	TITLE		
APPROVED		T/R HUB LOCK WRENCH	SCALE NTS	
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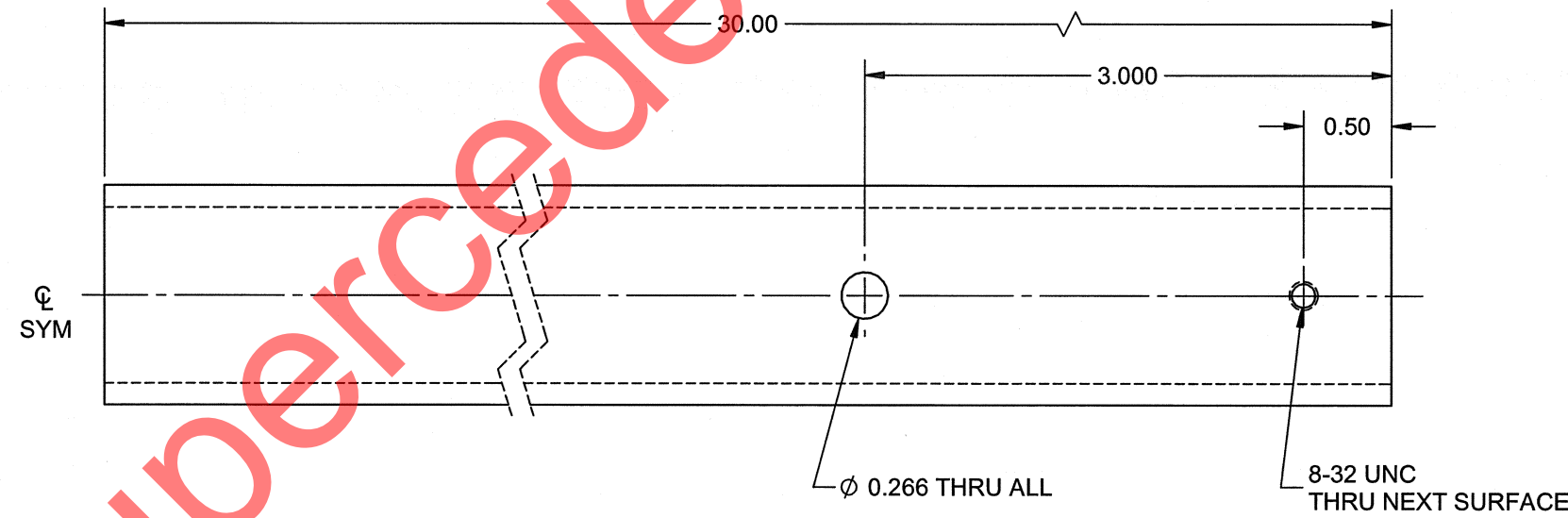
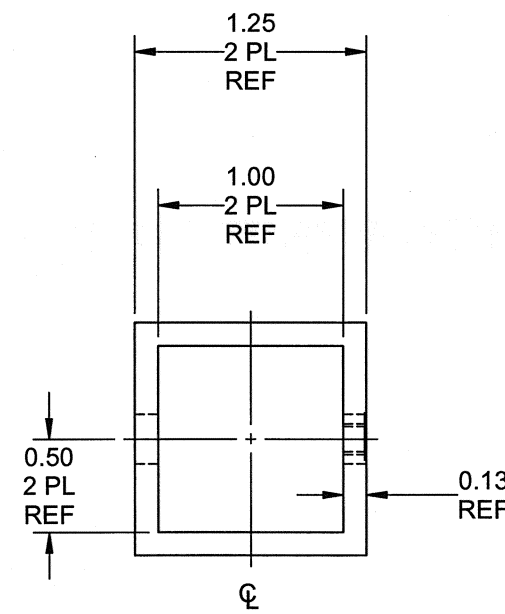
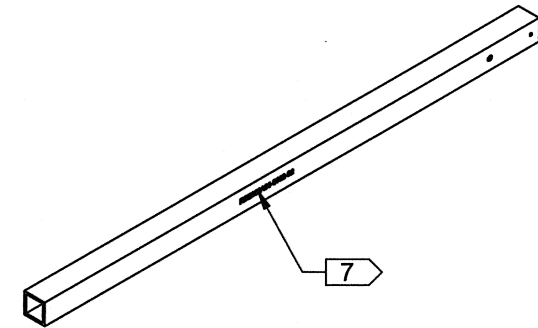
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C

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B

B



RBE350A93-3302-02-5 EXTENSION HANDLE

- NOTES:
- 1) MATERIAL: McMaster#6546K56 OR EQUIV (ALUMINIUM RECTANGULAR TUBE 1/8" WALL THK X 1-1/4" HT X 1-1/4" WIDE)
 - 2) HEAT TREAT: N/A
 - 3) FINISH: ANODIZE RED PER MIL-A-8625 TYPE 2 CLASS 2
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) REMOVE ALL SHARP EDGES AND BURRS
 - 7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK T/N, "RBE350A93-3302-02", AS SHOWN

DESIGN	VM	DART AEROSPACE LTD	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	TOOL PART #	REV M
MFG. APPR.	FK	RBE350A93-3302-02	SHEET 4 OF 4
APPROVED		TITLE	SCALE
		T/R HUB LOCK WRENCH	NTS
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